

Claims:

1. A modular arrangement (10, 110) in the field of telecommunications comprising:

5 a first contact module (16) adapted to be mounted to a carrier (18) in the field of telecommunications and having plural contacts (26, 28) arranged in plural pairs, which are adapted to connect wires (30, 32) therewith,

10 at least one functional module (14) fittable to the first contact module (16) and comprising at least two pairs of contacts (58, 60, 62, 64), at least one pair (62, 64) of which is electrically connectable with at least one pair of contacts (26, 28) of the first contact module (16) by fitting the functional module (14) to the first contact
15 module (16), and

at least one second contact module (12, 112) fittable to the functional module (14) and comprising at least one pair of contacts (46, 48), which are electrically connectable with a pair of contacts (58, 60) of the
20 functional module (14) by fitting the second contact module (12, 112) to the functional module (14), the contacts (46, 48) of the second contact module (12, 112) further being adapted to connect wires (42, 44) therewith.

25 2. The arrangement in accordance with claim 1, wherein contacts (26, 28) of different pairs of the first contact module (16) are electrically connectable at a disconnection point (34), the at least one pair of contacts (62, 64) of the functional module (14) being connectable with the at
30 least one pair of contacts of the first contact module (16) at the disconnection point (34).

3. The arrangement in accordance with claim 1 or 2, wherein the functional module (14) further comprises at
35 least one PCB (36).

4. The arrangement in accordance with any one of claims 1 to 3, wherein the functional module (14) comprises at least one electrical circuit.
- 5 5. The arrangement in accordance with any one of claims 1 to 4, wherein the functional module (14) comprises at least one splitter circuit.
6. The arrangement in accordance with any or one of claims
10 1 to 5, wherein the functional module (14) comprises at least one test and/or monitoring circuit.
7. The arrangement in accordance with any one of claims 1 to 6, wherein the functional module (14) comprises a
15 connector, such as a sub-D-interface (24).
8. The arrangement in accordance with any one of claims 1 to 7, wherein the functional module (14) comprises at least one protection component, such as an overvoltage and/or an
20 overcurrent protection component.
9. The arrangement in accordance with any one of claims 1 to 8, wherein the functional module (14) comprises at least one grounding member (40).
25
10. The arrangement in accordance with any one of claims 1 to 9, wherein contacts (46, 48) of different pairs of the second contact module (12, 112) are electrically connectable at at least one disconnection point (50, 54), the at least
30 one pair of contacts (58, 60) of the functional module (14) being connected with at least one pair of contacts (46, 48) of the second contact module (12, 112) at the disconnection point (50).
- 35 11. The arrangement in accordance with claim 10, wherein the contacts (46, 48) of the second contact module (12, 112)

are exposed at a front, a first disconnection point (50) being accessible from a rear of the module.

12. The arrangement in accordance with claim 10 or 11,
5 wherein a second disconnection point (54) is accessible from a front of the module.

13. The arrangement in accordance with any one of claims 1 to 12, wherein the second contact module (12) is configured
10 identical or similar to the first contact module (16).

14. The arrangement in accordance with any one of claims 1 to 13, further comprising at least one PCB (20) to which at least one first contact module (16) is connectable.
15

15. The arrangement in accordance with any one of claims 1 to 14, further comprising at least one protection module (56) suitable to be fitted to the second contact module (12, 112).
20

16. The arrangement in accordance with any one of claims 1 to 15, further comprising a carrier (18).